




Curriculum Vitae (CV)



College Yousif Hashim Abdullah Al-Aqeelof Engineering / University of Mosul

General information

| | | |
|--|-------------------------|--|
|  | Name and Surname | Yousif Hashim Abdullah Al-Aqeeli |
| | Date of Birth | July, 22, 1971 |
| | Gender | Male ▾ |
| | Scientific Title | Assistant Professor ▾ |
| | Appointment year | Nov, 28, 2003 |
| | Department | Dams and Water Resources Engineering ▾ |
| | General Specialty | Water Resources Engineering |
| | Delicate Specialisation | Hydrology/ Water Resources Management |
| | Official email | y.alaqeeli@uomosul.edu.iq |
| | Contact Number | 009647736977091 |

Academic Accounts

| | |
|----------------|---|
| Google Scholar | https://scholar.google.com/citations?hl=en&user=kgmg53sAAAAJ |
|----------------|---|

| | |
|--------------|---|
| ResearchGate | https://www.researchgate.net/profile/Yousif-Al-Aqeeli/amp |
| Academia | |
| Publons | |
| ORCID | 0000-0002-0336-6388 |
| Scopus | https://www.scopus.com/authid/detail.uri?authorId=56705551500 |

Certificates

| Certificate | Year | Specialisation (General / Exact) | Country | University |
|-------------|------|-------------------------------------|----------|---------------------------|
| PhD | 2016 | Water Resources Engineering | Malaysia | Universiti Putra Malaysia |
| M.Sc. | 2009 | Water Resources Engineering | Iraq | University of Mosul |
| BSC | 1994 | Irrigation and Drainage Engineering | Iraq | University of Mosul |

Subjects taught

| no. | Subject Name | Time period | Department | Educational level |
|-----|--|-------------------------------------|------------------|-------------------|
| 1 | Experiments in fluid mechanics | 2003-2004 2004-2005 2005-2006 | Dams and Wa... ▾ | Second stage ▾ |
| 2 | Theory of structure | 2011-2012 | Dams and Wa... ▾ | Third stage ▾ |
| 3 | Computer applications in water resources engineering | 2009-2010 | Dams and Wa... ▾ | Third stage ▾ |
| 4 | AutoCAD | 2009-2010 | Dams and Wa... ▾ | First stage ▾ |
| 5 | Computer programming in | 2010-2011 | Dams and Wa... ▾ | Second stage ▾ |

| | | | | |
|----|--|-------------------------------------|------------------|----------------|
| | Matlab language | | | |
| 6 | Surveying Engineering | 2003-2004 2004-2005 | Dams and Wa... ▾ | Second stage ▾ |
| 7 | Engineering of drainage | 2004-2005 | Dams and Wa... ▾ | Third stage ▾ |
| 8 | Hydraulics | | Dams and Wa... ▾ | First stage ▾ |
| 9 | Management and Economics of Water Resources | 2017-2018 | Dams and Wa... ▾ | Fourth stage ▾ |
| 10 | Water Resources Management/ Diploma | 2019-2020 | Dams and Wa... ▾ | Diploma ▾ |
| 11 | Water resources Management (Master) | 2020-2021 | Dams and Wa... ▾ | Master ▾ |
| 12 | Research Methods (Master) | 2019-2020 2020-2021 2021-2022 | Dams and Wa... ▾ | Master ▾ |
| 13 | Operations Research (Master) | 2021-2022 | Dams and Wa... ▾ | Master ▾ |

Scientific and Practical Experience

1. Study the sediment problem in front of the pumping station of Al-Jazeera irrigation project (2010).
2. Study the Water Scarcity Index for Ninewa Governorate (2022).

Publications (Scientific Journals and Conferences)

1. Al-Aqeeli Y. H., and AlMohsen K. A. (2013). Evaluation of Future Performance of Northern Fatha Storage System in Hydropower Generation. Tikrit Journal for Engineering Sciences, 20 (4), 1-10.

- 2. Al Hatem, N. T., Al-Aqeeli Y. H., and Al Omari, N. K. (2012). The Effect of Cover Vegetation Percentage on Erosion and Surface Run off – Laboratory Study. First International Conference on Water Resources Engineering, University of Technology, Baghdad, Iraq, (17-18 Oct. 2012).**
- 3. Al-Aqeeli, Y. H., AlMohseen, K.A., Lee, T.S., and Abd Aziz, S. (2015). Modelling monthly operation policy for the Mosul Dam, northern Iraq. International Journal of Hydrology Science and Technology, 5 (2), 179-193.**
- 4. Al-Aqeeli, Y.H., Abd Aziz, S., Badronnisa bt. Yusuf., and Wayayok, A.(2015). Evaluation of Makhoul reservoir in reducing flood risk in Baghdad city. Presented at the PAWEES-INWEPF Joint International Conference (PIJIC2015). 19-21th August, Kuala Lumpur, Malaysia (Book of Abstract).**
- 5. Al-Aqeeli, Y. H., Lee, T. S., and Aziz, S. A. (2016). Enhanced genetic algorithm optimization model for a single reservoir operation based on hydropower generation: case study of Mosul reservoir, northern Iraq. SpringerPlus, 5(1), 1-21.**
- 6. Al-Aqeeli, Y. H., Aziz, S. A., Yusuf, B., and Wayayok, A. (2018). Evaluation of Single Reservoir Performance for Flood Risk Reduction Using a Developed Simulation Model: Case Study of Makhoul Reservoir. Pertanika Journal of Science & Technology, 26(2).**
- 7. Al-Aqeeli, Y. H., and Agha, O. M. M. (2020). Optimal operation of multi-reservoir system for hydropower production using particle swarm optimization algorithm. Water Resources Management, 34(10), 3099-3112.**
- 8. Mahmood Agha, O. M., and Al-Aqeeli, Y. H. (2021). Analysis of the Standardized Precipitation Evapotranspiration Index over Iraq and its relationship with the Arctic Oscillation Index. Hydrological Sciences Journal, 66(2), 278-288.**
- 9. Al-Aqeeli, Y. H., Altaiee, T. M., & Abdulmawjood, A. A. (2021). Proposition of a Multi-Reservoir System Across the Border of Riparian Countries and Specifying Its Operational Outputs by Formulating Simulation Models. Water Resources Management, 35(15), 5225-5241.**

Patents

- 1.
- 2.
- 3.

Published Books

- 1.
- 2.
- 3.

Training and continuing education courses

- 1.
- 2.
- 3.

Supervision

| Supervising Undergraduate Studies | | | |
|--|--|---|------|
| No. | Name of The Student | Project Title | Year |
| 1. | | | |
| 2. | | | |
| 3. | | | |
| Supervising Postgraduate Studies (Diploma) | | | |
| No. | Name of The Student | Project Title | Year |
| 1. | Abdulrahman Kitab Hamad khidher Al-Juboory | Evaluation of the performance of the Makhul dam reservoir with the Samarra Barrage in the flood prevention of the city of Baghdad by using several proposed scenarios | |
| 2. | | | |
| 3. | | | |

| Supervision of Postgraduate Studies (M.Sc.) | | | |
|---|---------------------|---------------|------|
| No. | Name of The Student | Project Title | Year |
| 1. | | | |
| 2. | | | |
| 3. | | | |
| Supervising Postgraduate Studies (PhD) | | | |
| No. | Name of The Student | Project Title | Year |
| 1. | | | |
| 2. | | | |
| 3. | | | |

Participation in Viva Examination Committees

| Postgraduate Students Discussion (Higher Diploma) | | | |
|---|---------------------|---------------|------|
| No. | Name of The Student | Project Title | Year |
| 1. | | | |
| 2. | | | |
| 3. | | | |
| Postgraduate Students Discussion (Masters) | | | |
| No. | Name of The Student | Project Title | Year |
| 1. | | | |
| 2. | | | |
| 3. | | | |
| Postgraduate Students Discussion (PhD) | | | |
| No. | Name of The Student | Project Title | Year |
| 1. | | | |
| 2. | | | |

| | | | |
|----|--|--|--|
| 3. | | | |
|----|--|--|--|

Consulting Services

- 1.
- 2.
- 3.

Scientific Activities

- 1.
- 2.
- 3.

Administrative Positions

| No. | Administrative Position Name | Workplace | Time period |
|-----|------------------------------|-----------|-------------|
| 1. | | | |
| 2. | | | |
| 3. | | | |

Committees

| No. | Committee name | Time period |
|-----|----------------|-------------|
| 1. | | |
| 2. | | |
| 3. | | |

